Please type a plus sign (♦) inside-tsis box →

VON

Signature

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control
number.

Filing Date December 5, 2001	\$ \\		I Appli	cation Number	10/010,696					
FORM First Named Inventor Visvamohan Yegnashankaran et al.		-								
Croup Art Unit Examiner Name Q.D. Vu	FORM	!								
Examiner Name Q.D. Vu Catal Number of Pages in This Submission ENCLOSURES (check ell that apply) Fee Transmittal Form (in duplicate) Fee Attached (check for \$240) Drawing(s) Amendment/Response After Final (Response) Petition Routing Slip (PTO/SB/69) and Accompanying Petition Petition to Convert to a Provisional Application Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Address Terminal Disclaimer Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Or Individual name SIGNATURE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: November 12, 2002										
ENCLOSURES (check all that apply) Assignment Papers (for an Application) Assignment Papers (for an Application) Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Binet, Reply Brief) Appeal Notice, Binet, Reply Brief) After Final (Response) Petition Routing Slip (PTO/SB/69) and Accompanying Petition Petition to Convert to a Provisional Application Provisional	2									
Fee Transmittal Form (in duplicate) Assignment Papers (for an Application)	otal Number of Pages in This Submission 21 Attorney Docket Number 100-16200 (P05088)									
Fee Transmittal Form (in duplicate)		ENCL	OSURES	(check all that apply)	8 2 6					
Appeals and Interferences Appeal Commission of Coroup (Appeal Notice, Brief, Reply Brief) After Final (Response)	Fee Transmittal Form (in duplicate)									
Amendment/Response Cleensing-related Papers Cappeal Notice, Brief, Reply Brief) Petition Routing Slip (PTO/SB/69) and Accompanying Petition Proprietary Information Power of Attorney, Revocation Change of Correspondence Address Certificate of Mailing Certificate of Mailing Petition Disclosure Statement Certified Copy of Priority Document(s) Remarks Please charge any necessary fees or credit overpayment to Deposit Account No. 502305. A duplicate copy of this transmittal is attached for this purpose. Signature Signature Signature Certificate Of Mailing	☑ Fee Attached (check for \$240)	☐ Drawin	ıg(s)		Appeal Communication to Board of Appeals and Interferences					
Arter Final (Response) and Accompanying Petition Petition to Convert to a Provisional Application Affidavits/declaration(s) Power of Attorney, Revocation Change of Correspondence Address Change of Correspondence Address Provisional Application Terminal Disclaimer Request for Refund Certificate of Mailing Conducting Converting Remarks Please charge any necessary fees or credit overpayment to Deposit Account No. 502305. A duplicate copy of this transmittal is attached for this purpose. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Or Individual name Signature Date November 12, 2002 CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: November 12, 2002	Amendment/Response	Licensi	ing-relate	d Papers						
Affidavits/declaration(s) Provisional Application Affidavits/declaration(s) Attendance Address Return Receipt Postcard Certificate of Mailing Return Receipt Postcard Certificate of Mailing Please charge any necessary fees or credit overpayment to Deposit Account No. 502305. Aduplicate copy of this transmittal is attached for this purpose. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm or Individual name Signature November 12, 2002 CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: November 12, 2002	After Final (Response)				Proprietary Information					
Extension of Time Request Change of Correspondence Address Terminal Disclaimer Request for Refund Information Disclosure Statement Certified Copy of Priority Document(s) Remarks Please charge any necessary fees or credit overpayment to Deposit Account No. 502305. A duplicate copy of this transmittal is attached for this purpose. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm or Individual name Signature Date November 12, 2002 CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: November 12, 2002	·				Status Inquiry					
Express Abandonment Request	Extension of Time Request	of Time Beguest								
Request for Refund CD, Number of CD(s)	_	Termin	nal Discla	imer	Return Receipt Postcard					
Certified Copy of Priority Document(s) Remarks Please charge any necessary fees or credit overpayment to Deposit Account No. 502305. A duplicate copy of this transmittal is attached for this purpose. Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm or Individual name Signature November 12, 2002 CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: November 12, 2002	Express Abandonment Request	Reque	st for Ref	fund	Certificate of Mailing					
Deposit Account No. 502305. A duplicate copy of this transmittal is attached for this purpose. Response to Missing Parts/Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	☐ Information Disclosure Statement	CD, No	umber of	CD(s)						
Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm or Individual name Signature November 12, 2002 CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: November 12, 2002		Rema	ırks	Deposit Account No.	502305. A duplicate copy of this					
Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm or Individual name Signature Date November 12, 2002 CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: November 12, 2002										
Firm or Individual name Signature November 12, 2002 CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: November 12, 2002	Parts under 37 CFR									
or Individual name Signature November 12, 2002 CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: November 12, 2002	SIGNA	TURE OF	APPLIC	ANT, ATTORNEY, O	R AGENT					
Signature November 12, 2002 CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: November 12, 2002	or Mark C. Pickering,	Reg. No. 36	,239							
CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: November 12, 2002	Signature	Pu	7							
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: November 12, 2002	Date November 12, 200	2		/	·					
addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: November 12, 2002		CEI	RTIFICA	TE OF MAILING						
	·									
Typed or printed name Rouin L. King (ວກ, D.C. 2	20231 on this date:	November 12, 2002					

Burden Hour Statement: This form is estimated to take 0.2 hours to complete: Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be send to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Date

November 12, 2002

FEE TRANSMITTAL

For FY 2002

Patent Fees are subject to annual

TOTAL AMOUNT OF PAYMENT

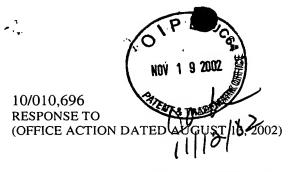
to annual evision E NOV 1 9 2002

Complete if Known								
Application Number	10/010,696							
Filing Date	December 5, 2001							
First Named Inventor	Visvamohan Yegnashankaran et al.							
Examiner Name	Q.D. Vu							
Group Art Unit	2811							
Attorney Document No.	100-16200 (P05088) _三 円							
	2 X C							

METHOD OF PAYMENT (check one)								FEE CA	LCULATION (continued)-
1. X The Cor	mmissioner i	s hereby au	thorized to cha	rge indicated	3. A	ddition	al Fees		M C M
fees and credit any overpayments to:				Large	Entity	Small	Entity	7007 THER 2800	
502305									
I	AW OFFIC	CES OF M	ARK C. PICE	KERING					72
					1				80
	any addition	al fees requ	ired under 37	CFR §§1.16 and 1.17.					6
☐ Applicant claims small entity status. See 37 CFR 1.27.				127	50	227	25	Surcharge - late provisional filing fee	
					139	130	139	130	Non-English specification
2. 🖾 Paym					147	2520	139	2520	Filing a request for re-examination
∠ IXI Check	⊂ ☐ Money	Order 🗆	Other		4				-
	F	EE CALC	CULATION		112	920*	112	920*	Req. publ. of SIR prior to Ex. Action
1. BASIC F	II ING FE	F.	· · · · · · · · · · · · · · · · · · ·		113	1840*	113	1840*	Requesting publication of SIR after
I. DASIC I	iemo re	_			99				Examiner action
LARGE ENTITY	SMALL	ENTITY			115	110	215	55	Extension for reply within 1st mo.
Fee Fe	e Fee	Fee			116	400	216	200	Extension for reply within 2 nd mo.
Code (\$) Code	(\$)	Fee Descrip	otion Fee Paid					
101 740	201	370	Utility		117	920	217	460	Extension for reply within 3 rd mo.
106 . 330	206	165	Design		118	1440	218	720	Extension for reply within 4th mo.
107 510	207	255	Plant		128	1960	228	980	Extension for reply with 5 th mo.
108 740	208	370	Reissue		119	320	219	160	Notice of Appeal
114 150	214	80	Provisional		120	320	220	160	Filing a brief in support of an appeal
			SUBTOTA	L(1) 0	121	280	221	140	Request for oral hearing
2. Extra Cl	AIM FEES		15,44		138	1510	138	1510	Pet to institute a public use proceeding
		Extra	Fee from	p. p.:1	140	110	240	55	Petition to revive - unavoidable
Total Claims	20 25 **	Claims = 4	below x 18	Fee Paid = \$ 72	141	1280	241	640	Petition to revive - unintentional
Independent	29 - 25 ** 5 - 3	= 4 = 2	x 84	= \$ 168	141	1280	241	640	Utility issue fee (or reissue)
Multiple Dep.	5-5	- 2	*	= \$ 0	143	460	242	230	Design issue fee
** or number pro	eviously paid	if areater: f	or Roissues see		144	620	244	310	Plant issue fee
or number pro	eviously paid,	ij greater, je	or Reissaes, see		122	130	122	130	Petitions to the Commissioner
Large Entity	Small	Entity			122	130	122	130	retitions to the Commissioner
Fee Fee	Fee Code	Fee (\$)	Fee Description	on	123	50	123	50	Petition related to provisional apps.
Code (\$) 103 18	203	9	Claim in exce	ss of 20	126	180	126	180	Submission of IDS Statement
102 84	202	42		laims in excess of 3	581	40	581	40	Recording each patent assignment
01		· -	aoponaoni e	••••• •. •	1		•••		per property (x no. of properties)
104 280	204	140	Multiple depe	ndent claim, if not paid	146	740	246	370	Filing a submission after final rej.
109 84	209	42		l. claims over original	149	740	249	370	For each add'l. invention to be
			patent	_					examined (37 C.F.R. § 1.129(b))
110 18	210	9		ims in excess of 20 and	179	740	279	370	Request for Continued Exam. (RCE)
			over origi		169	900	169	900	Req. for expedited exam. of a design app.
			SUBTOT	AL (2) \$240	*Redu	iced by Ba	asic Filing	Fee Paid	SUBTOTAL (3) \$0
				SUBN	MITTED	BY			
Law Offices of	f Mark C. P	ickering		3001	1		,		
P.O. Box 300					Date:	- [[-10	? <i>- 0</i>	2 ^
	94953-0300)				1		_	

Petaluma, CA 94953-0300 Telephone: (707) 762-5583 Facsimile: (707) 762-5504 Customer No. 33402

Mark C. Pickering, Reg. No. 36,23



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Visvamohan Yegnashankaran et al.

Appln. No.: 10/010,696

Filed: December 5, 2001

Commissioner for Patents Washington, D.C. 20231

For: MULTILEVEL METAL INTERCONNECT WITH CAPACITIVE STRUCTURES THAT ADJUST THE CAPACITANCE OF THE INTERCONNECT (as amended)

Group Art Unit: 2811

Examiner: Q.D. Vu

AMENDMENT (IN RESPONSE TO OFFICE

ACTION DATED August 13, 2002)

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service, postage prepaid, in an envelope,

addressed to Box-

, Commissioner for Patents,

Washington D.C. 20231-9999 on November 12

Dear Sir:

In response to the Official Action mailed August 13, 2002, please amend the above-identified application as follows:

In the Title

The title has been amended to read in all instances:

MULTILEVEL METAL INTERCONNECT WITH CAPACITIVE STRUCTURES THAT ADJUST THE CAPACITANCE OF THE INTERCONNECT

In the Claims

Claims 11-25 have been cancelled.

The claims have been amended to read as follows:

11/21/2002 TBESHAH1 00000048 10010696

01 FC:1202 02 FC:1201

168.00 OP

Atty. Docket No. 100-16200 (P05088)